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Datasheet · Hardware product Monitor · January 2003

X19-1
19 Inch LCD TFT Monitor

The new monitor X19-1 from Fujitsu Siemens Computers offers outstanding technical features for a very reasonable price. Its flat design and its integrated Loudspeakers is particularly suitable to any ergonomic workplace. LCD TFT technology stands for top-quality ergonomics and ideal environment compatibility.

- 19 inch LCD TFT display (Fujitsu MVA technology)
- High resolution 1280 x 1024 pixels
- 16,7 Mio colours
- Viewing angle 170° horizontal, 170° vertical
- High brightness 250cd/m² and enormous contrast (500:1)
- Optimum ergonomics ISO13406-2
- Distortion-free image
- Low power consumption
- Plug and Play DDC 2B Interface
- Inventory data readable VESA EDID v2.x
- Low-radiation and environmental-friendly according to TCO'99
- Immune to external electromagnetic fields
- Analogue (D-Sub) and digital (DVI-D) video input
- 5 languages OSD menu
- Mechanical interface standardized to VESA FPMPMI (100 mm)
- Country specific Warranty

Data Sheet

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FUJITSU COMPUTERS SIEMENS

Technical Data · X19-1 · 19 Inch LCD TFT Monitor

Visible screen diagonal	**19 inch** (48 cm)
Graphics display (dependent on graphics processor)	
Pixels	1280 x 1024
Pixels *)	1024 x 768
Pixels *)	800 x 600
Pixels *)	640 x 480
*) native or enlarged to full screen size	
Text display (dependent on graphics processor)	
Pixels (max. 75Hz)	720 x 400
Picture size	376 x 301 mm
Frequencies	
Horizontal	31 - 80 kHz
Vertical	56 - 75 Hz
Brightness typical	250 cd/m²
Contrast typical	500:1
Viewing angle typical.	
Horizontal	170°
Vertical	170°
Response time typical	25 ms
Plug and Play	VESA DDC 2B

Setting options
Brightness & Contrast, auto contrast
Color temperature, saturation,
color hue, flesh tone compensation
H/V position, H-size, Fine
Auto adjust
D-SUB-/DVI selection
Picture position and picture size
Activate factory presets
Menu language (5-language)
OSD position, time out
Expansion
Mode information
Volume control

Tilt base	
Tilt angle	-5° - +25°
Swivel angle	± 60°

Audio characteristics	
Volume control	digital
Audio signal Input	3,5 mm stereo phone jack
Sound output	1 W (L) + 1 W (R)

Electrical values	
Rated voltage	100-240 V
Frequency	50-60 Hz
Power draw	
Operating typ.	43 W
Off mode	< 4 W
Protection class	1
Temperatures/dimensions/weight	
Ambient temperature (to IEC721)	
Recommended range	15°C to 35°C
Limit	5°C to 35°C
Dimensions (H x W x D)	471 x 447 x 230 mm
Weight	approx. 8,2 kg
Reliability	
MTBF (demonstrated)	70,000 h
Lifetime of Backlight (brightness > 50 % of original brightness)	50,000 h
Compliance with standards	
Product safety	EN60950 CB UL1950 CSA 22.2 No.950
Ergonomics	GS mark ISO 13406-2 (pixel faults class II)
Radiation immunity and RFI suppression	CE certification according to EC Directive 89/336/EEC (EN55022/B, EN50024, 61000-3-2/-3); MPR II, TCO'99
Video input	D-SUB 15-pin, DVI-D
Data cable analog (1.8 m)	D-SUB (15-pin) removable
Data cable digital (1.8 m)	DVI -D (24-pin) removable
Audio cable (1.8m)	3,5 mm stereo phone jack
Power cable (1.8 m)	For wall socket Euro-Schuko-Type CEE7 Power supply integrated in panel
Special features	Standardised mounting interface according VESA FPMPMI (100mm), Kensington Lock prepared
Order code	**FSP:** 840 002124

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